

# King County DNRP Water Quality Index

STATION **311** WATER YEAR **2015**

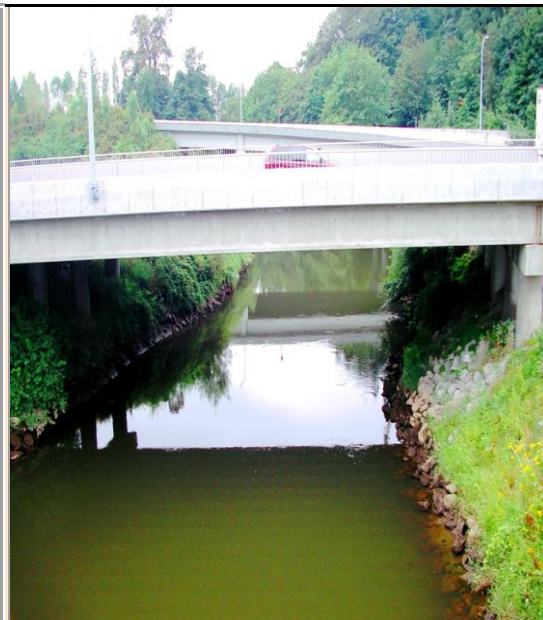
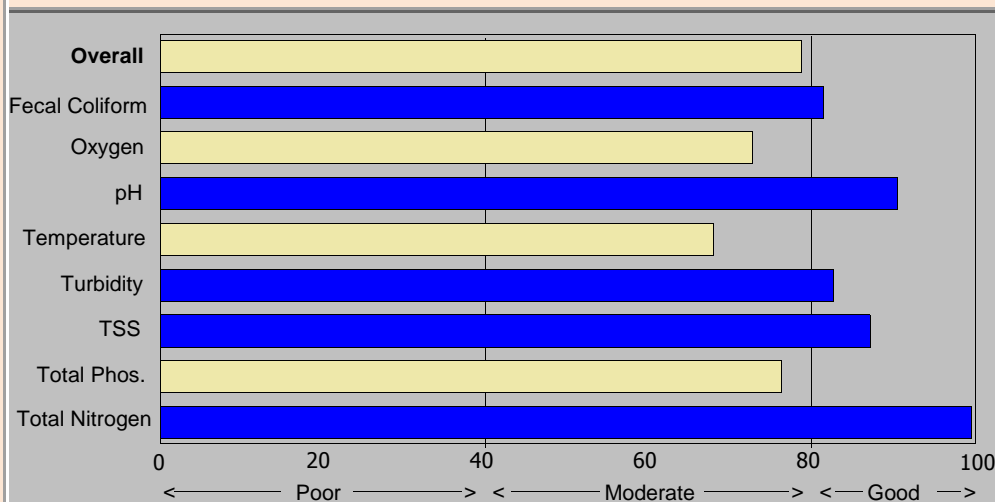
**GAUGE # 03H Green River at Interurban S**

**Overall Index 79**

King County has monitored water quality in the Green-Duwamish River at five locations. Station 0311 is located in the Lower Green River a few hundred yards upstream from the former outfall at the Renton Junction Bridge on West Valley Road at Highway 1. Sampling occurred from 1970-2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. The Green-Duwamish runs 93 miles from the crest of the Cascade Mountains to Elliot Bay. Major alterations to the river system have occurred in the last century including the diversion of the White, Black, and Cedar Rivers to alternate discharge points. Anadromous salmonids have been blocked from the upper Green River though the lower river supports coho, Chinook, chum, sockeye, and pink salmon. Land use varies considerably throughout the length of the Green-Duwamish River watershed; land in the Upper Green River is almost entirely used for forest production while development intensity generally increases further downstream.

## Annual Water Quality Index Scores

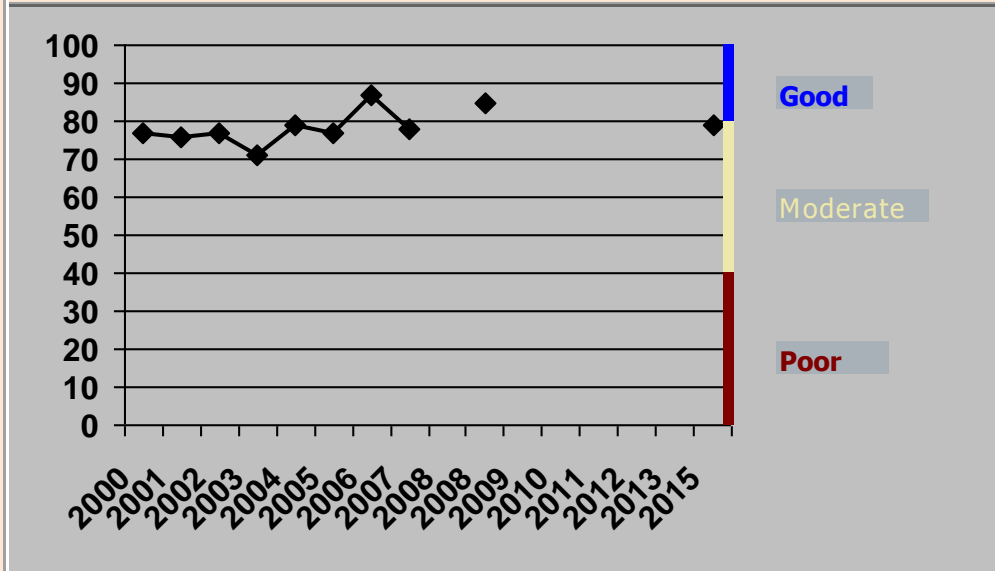
Water quality was MODERATE based on data collected 10/1/2014 to 9/30/2015.



## Monthly Scores For Water Year 2015

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
85	95	89	94	89	96	94	93	82	84	72	93

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <http://green.kingcounty.gov/WLR/Waterres/StreamsData/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>